This request and agreement is submitted for consideration of the following course as an articulated course at Columbia College. Students would receive course credit at Columbia College.

Directions:
1. Use a separate form for each course.
2. Attach the course outline for the course.
3. Attach the course final if course is to be considered for credit.
4. Mail to: Dean of Instructional Services, Career Technical Education
   11600 Columbia College Drive
   Sonora, CA 95370

Completed by High School Instructor

High School: Mariposa County High School

Contact Information:
Instructor Name: Walt Hebern
Telephone Number: 209-742-0260 ext: 242
Email address: whebern@mariposa.k12.ca.us
Address: 5074 Old Hwy N
          Mariposa, CA 95338

High School Course Title: Digital Photography

High School Course Description:

This course focuses on the principles and practices of photo editing, artistic expression, and development of problem solving skills, using an industry standard photo editing software program. Included is a survey of the tools and techniques used to create effective and sophisticated digital imagery for websites, multimedia and print publications. Additionally, the course will integrate the use of cloud technology, collaboration tools, and as they pertain to photo editing.

College Course Title: Photo Editing for Digital and Print Publication CCTDM 50

<table>
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<th>College Units:</th>
<th>3.00 Units</th>
<th>HS Credits:</th>
<th>5.00 Units</th>
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<tr>
<td>College Prerequisite(s):</td>
<td>None</td>
<td>HS Prerequisite(s):</td>
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Advisories/Recommendations:

COURSE CONTENT

I. Course Workflow
   A. Cloud
   B. Photoshop Touch
   C. Photoshop Software
   D. Adobe Bridge

II. Digital Image Structure Basics
   A. Image Size
   B. Pixels, Raster, and Image Resolution
   C. Resolution for Digital and Print Publication
   D. Resampling, Resizing, Cropping of Captured Images
   E. Image Formats
      1. Camera Raw, JPEG, TIFF, PSD, and PDF

III. Digital Editing Workspace
    A. Desktop Configuration
    B. Color Settings and Preferences
    C. Layers
    D. Tools
    E. Panels

IV. Image Editing
   A. Histogram
   B. Info
   C. Optimization
   D. Color Casts
   E. Correcting the Edited Image Histogram
   F. Color Correction
   G. Adjustments and the Adjustment Panels
   H. Retouch and Retouch tools
   I. Sharpening

V. Image Editing Workflow
   A. Photoshop and Camera Raw

VI. Selections, Masks and Channels
    A. Layer Masks, Clipping Masks, Alpha Masks
    B. Mask Panel

VII. Grayscale, Painting, and Multitones
    A. Grayscale Conversion
    B. Painting Techniques and Strategies
    C. Toning
    D. Duotones, Tritones, and Quadtones

VIII. Vector Drawing Tools
    A. Type in a Raster Environment
    B. Vector Shapes

IX. Filters and Special Effects

Competencies and Skill Requirements (Use additional pages as necessary)

At the conclusion of this course, the student should be able to:

Demonstrate principles and practices of photo editing using photo editing software.
Illustrate the use of a digital camera, photo editing apps, and online collaboration tools and their integration with photo editing software through the production of print and digital images.
Employ Cloud computing as related to photo editing.
Discern different requirements for print and digital publication.
Create portfolio pieces which demonstrate artistic expression and problem solving skills.
Demonstrate competency in the use of a digital camera.
Demonstrate competency in navigating photo editing software.
Demonstrate competency in photo editing.
Illustrate artistic expression and problem solving skills through the creation of a portfolio of work.
Demonstrate the ability to use Cloud technology as related to photo editing.

Measurement Methods (include any industry certification or licensure):

- Quizzes
- Portfolios
- Projects
- Class Participation
- Class Work
- Home Work

**In order to receive Columbia College credit the student must pass the high school course with a “B” or better.**

*Sample Textbooks or Other Support Materials (including Software):*

- Online tutorials, information, and resources are posted online through Schoology. Every student will have an account.

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**CC faculty Signature:**

**Date:**

[Office use only.]

**TOPs Code:**

[Office use only.]

**Internal Tracking Number:**

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**Completed by Columbia College**

*This portion is completed after CC faculty and H.S. faculty meet and agree on the terms of the articulation agreement.*

- Department faculty: □ Approved □ Not Approved
- Dean: □ Approved □ Not Approved
- CTE Transition Officer: □ Approved □ Not Approved
- Admissions & Records notification: □ date: _________________
- High school notification: □ date: _________________